Table 27.—Cattle slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm.
	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Firms	Head	Share[2]	HHI[3]	sltr.[4]
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -		Mil.	Pct.	Index	Mil.
Concentration based on procurement data reported to GIPSA[5]																		
1980	23	9.6	28.4	47	14.0	41.3	65	17.6	52.2	108	21.9	64.7	743	667	30.8	91.0	361	33.8
1985	20	14.2	39.0	29	18.0	49.6	55	23.6	65.0	95	28.3	77.9	538	477	34.3	94.4	617	36.3
1990	26	19.5	58.6	37	22.5	67.8	54	26.3	79.0	90	29.7	89.5	387	344	31.9	95.9	1,118	33.2
1995	30	24.0	67.3	36	26.2	73.6	51	29.7	83.4	84	32.7	91.9	279	230	33.8	94.9	1,437	35.6
1996	32	24.8	67.7	39	27.2	74.4	54	31.2	85.4	90	34.6	94.6	274	222	35.7	97.7	1,437	36.6
1997	31	24.4	67.1	38	27.0	74.5	54	31.1	85.6	87	34.0	93.7	258	211	35.0	96.5	1,415	36.3
1998	31	24.6	69.2	39	27.3	77.0	54	30.9	87.2	86	33.4	94.2	216	175	34.1	96.1	1,469	35.5
1999	27	25.1	69.3	34	27.9	77.3	49	31.8	87.8	85	34.3	94.8	203	165	34.8	96.2	1,444	36.2
2000	25	25.2	69.6	35	28.4	78.4	48	32.4	89.5	82	34.9	96.3	189	155	35.3	97.4	1,437	36.2
2001	24	24.3	68.7	34	27.6	78.0	46	31.5	89.0	83	33.5	94.7	185	149	33.8	95.5	1,384	35.4
Concentration based on federally inspected slaughter data[6]																		
1992	27	21.1	64.3	35	23.7	72.1	51	27.1	82.4	84	30.2	91.8	971	950	32.1	97.6	1,369	32.9
1995	31	24.6	69.0	37	26.9	75.4	52	30.4	85.4	84	33.4	93.7	836	812	34.9	97.9	1,505	35.6
1996	32	24.3	66.4	39	26.7	73.0	54	30.8	84.2	82	34.2	93.4	812	790	35.7	97.6	1,402	36.6
1997	31	24.6	67.6	38	27.2	74.9	54	31.2	85.9	82	34.2	94.1	822	799	35.6	97.9	1,420	36.3
1998	30	24.7	69.5	37	27.1	76.5	52	30.9	87.1	81	33.7	95.0	795	769	34.8	98.1	1,475	35.5
1999	28	25.4	70.4	35	28.3	78.4	49	32.1	88.7	76	34.6	95.8	759	735	35.5	98.2	1,477	36.2
2000	25	25.1	69.4	36	28.5	78.5	49	32.4	89.3	77	34.8	96.1	738	716	35.6	98.3	1,420	36.2
2001	25	24.4	69.0	36	28.4	80.3	48	31.8	89.9	76	34.1	96.3	723	699	34.8	98.3	1,422	35.4
2002	25	24.7	69.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	706	NA	35.1	98.3	NA	35.7

NA denotes data not available. Mil. denotes millions.

[1] Conc. = concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

[2] Share = percentage of total commercial slaughter.

[3] HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

[4] Comm. sltr. = total commercial slaughter of cattle during the calendar year.

[5] Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

[6] Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service. (GIPSA-SR-03-1)

Table 28.—Steer and heifer slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm. sltr.[4]
	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Firms	Head	Share[2]	HHI[3]	
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -		Mil.	Pct.	Index	Mil.
Concentration based on procurement data reported to GIPSA[5]																		
1980	23	9.5	35.7	47	13.8	51.4	66	17.1	64.1	103	20.3	75.9	626	561	24.5	91.5	561	26.7
1985	20	14.1	50.2	29	18.0	63.9	50	22.1	78.4	91	25.3	89.9	436	389	27.0	96.0	999	28.1
1990	26	19.1	71.6	36	21.9	82.1	52	24.4	91.5	84	25.5	95.4	310	275	25.8	96.6	1,661	26.7
1995	27	22.8	79.3	32	24.7	86.1	44	26.6	92.9	81	27.2	95.0	216	182	27.3	95.4	1,982	28.7
1996	28	23.0	80.4	34	25.1	87.8	46	27.5	96.1	84	28.2	98.7	211	174	28.3	99.2	1,987	28.6
1997	27	22.8	78.4	33	25.1	86.3	45	27.2	93.4	79	27.7	95.4	195	162	27.8	95.7	1,899	29.1
1998	25	23.1	80.0	32	25.5	88.1	45	27.0	93.6	77	27.5	95.2	165	136	27.6	95.5	1,925	28.9
1999	23	24.0	80.6	29	26.5	88.9	41	28.3	95.0	75	28.8	96.5	157	130	28.8	96.7	1,920	29.8
2000	23	24.6	81.7	29	27.2	90.3	41	29.0	96.2	74	29.3	97.5	143	119	29.4	97.6	1,966	30.1
2001	22	23.8	82.1	28	26.2	90.6	42	27.9	96.4	73	28.2	97.4	140	115	28.2	97.5	1,962	29.0
Concentration based on federally inspected slaughter data[6]																		
1992	27	20.5	77.8	35	22.8	86.7	48	24.8	94.0	76	25.4	96.3	937	919	25.7	97.6	2,016	26.4
1995	28	23.2	80.8	33	25.2	87.7	45	27.1	94.7	71	27.8	97.0	801	783	28.1	97.9	2,036	28.7
1996	28	22.5	78.8	34	24.6	86.1	45	26.9	94.0	72	27.6	96.7	780	765	27.9	97.6	1,935	28.6
1997	27	23.1	79.5	33	25.5	87.8	45	27.6	95.0	70	28.2	97.1	787	772	28.8	97.9	1,927	29.1
1998	25	23.2	80.4	31	25.4	88.1	43	27.5	95.1	70	28.1	97.3	758	743	28.3	98.1	1,936	28.9
1999	24	24.2	81.3	30	26.8	89.9	42	28.6	95.8	72	29.0	97.4	730	711	29.3	98.2	1,942	29.8
2000	23	24.5	81.4	30	27.2	90.3	42	29.0	96.4	70	29.4	97.6	711	695	29.6	98.3	1,939	30.1
2001	22	23.3	80.4	29	26.4	91.0	41	27.9	96.4	67	28.3	97.6	702	686	28.5	98.3	1,909	29.0
2002	23	23.4	79.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	686	NA	28.9	98.3	NA	29.4

NA denotes data not available. Mil. denotes millions.

1 Conc. = concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

2 Share = percentage of total commercial slaughter.

3 HHI (Herfindahl-Hirschman Index) equals the sum of each firm’s squared percentage share of total commercial slaughter.

4 Comm. sltr. = total commercial slaughter of fed and non-fed steers and heifers during the calendar year.

5 Numerator values are number of head procured for slaughter during each firm’s reporting (fiscal) year.

6 Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service. (GIPSA-SR-03-1)

Table 29.—Cow and bull slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm.
	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Firms	Head	Share[2]	HHI[3]	sltr.[4]
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -		Mil.	Pct.	Index	Mil.
Concentration based on procurement data reported to GIPSA[5]																		
1980	5	0.7	9.7	14	1.3	18.3	31	2.5	35.2	67	3.9	55.5	622	579	6.3	89.0	89	7.1
1985	12	1.4	17.2	18	2.2	27.0	32	3.7	45.4	68	5.4	65.7	458	426	7.2	88.9	160	8.1
1990	9	1.3	20.4	17	2.2	33.2	29	3.8	57.6	64	5.3	81.4	324	307	6.1	93.4	223	6.6
1995	11	1.6	23.4	18	2.7	38.5	32	4.7	67.6	64	6.1	88.2	219	198	6.5	93.1	293	7.0
1996	15	2.2	28.0	22	3.4	42.4	35	5.6	70.5	66	7.1	88.2	212	188	7.4	92.5	362	8.0
1997	14	2.2	30.6	21	3.4	47.5	35	5.5	75.3	66	6.9	95.2	195	175	7.2	99.6	413	7.3
1998	14	2.2	32.7	21	3.3	50.7	35	5.3	80.1	65	6.3	95.8	163	146	6.5	98.6	463	6.6
1999	14	1.8	28.6	18	3.1	48.1	30	4.9	77.3	63	5.8	91.5	152	137	5.9	93.7	391	6.3
2000	12	2.0	32.0	16	3.2	51.7	29	5.0	81.4	61	5.8	94.7	138	127	5.9	96.4	454	6.1
2001	8	2.1	33.2	15	3.4	52.4	27	4.9	76.5	62	5.5	85.5	132	120	5.5	86.6	470	6.4
Concentration based on federally inspected slaughter data[6]																		
1992	12	1.5	23.6	16	2.4	37.3	32	4.1	62.8	62	5.6	86.2	877	866	6.3	97.6	271	6.5
1995	14	1.9	27.6	19	2.9	42.0	34	4.9	70.0	64	6.3	91.1	752	743	6.8	97.9	346	7.0
1996	15	2.4	29.4	20	3.5	44.2	35	5.8	72.0	65	7.3	91.1	732	723	7.8	97.6	387	8.0
1997	17	2.2	30.2	22	3.3	45.8	37	5.3	72.4	66	6.7	91.9	729	717	7.1	97.9	391	7.3
1998	18	2.2	32.9	22	3.3	50.0	38	5.1	77.9	67	6.2	93.4	687	671	6.5	98.1	455	6.6
1999	15	2.0	31.0	23	3.2	50.8	34	5.0	79.5	64	6.0	94.2	660	648	6.2	98.2	437	6.3
2000	14	2.0	32.0	18	3.2	52.0	32	4.9	79.6	60	5.8	94.5	630	620	6.0	98.3	456	6.1
2001	15	2.2	34.5	21	3.5	55.4	33	5.4	83.8	61	6.1	95.5	628	617	6.3	98.3	520	6.4
2002	16	2.8	44.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	605	NA	6.3	98.3	NA	6.4

NA denotes data not available. Mil. denotes millions.

[1] Conc. = concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

[2] Share = percentage of total commercial slaughter.

[3] HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

[4] Comm. sltr. = total commercial slaughter of cows and bulls during the calendar year.

[5] Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

[6] Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service.

(GIPSA-SR-03-1)

Table 30.—Calf slaughter concentration: 4, 8, 20, and 50 largest firms, reporting slaughter packers, selected reporting years, 1980–2001

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm.
	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Firms	Head	Share[2]	HHI[3]	sltr.[4]
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -		Mil.	Pct.	Index	Mil.
1980	16	0.8	31.0	20	1.1	44.9	36	1.6	62.5	68	2.0	78.3	295	273	2.2	86.7	339	2.6
1985	22	1.1	31.1	32	1.4	42.6	49	2.1	62.0	101	2.7	78.7	270	219	2.8	83.4	349	3.4
1990	7	0.6	31.1	12	0.8	47.2	41	1.3	71.5	73	1.6	90.6	194	169	1.7	93.8	416	1.8
1995	8	0.4	27.9	16	0.6	43.4	40	1.1	75.2	82	1.3	89.0	133	100	1.3	89.9	383	1.4
1996	4	0.3	19.1	11	0.6	33.5	41	1.1	63.6	86	1.4	77.8	133	97	1.4	78.4	237	1.8
1997	5	0.3	21.9	10	0.6	38.0	31	1.0	66.5	70	1.2	77.9	111	90	1.2	78.4	268	1.6
1998	5	0.3	23.6	9	0.6	41.8	26	1.0	71.2	56	1.2	79.5	82	76	1.2	79.6	312	1.5
1999	5	0.4	29.6	11	0.6	48.4	29	1.0	75.5	60	1.1	82.6	84	74	1.1	82.7	386	1.3
2000	5	0.4	33.4	9	0.6	54.6	25	0.9	80.1	55	1.0	85.1	69	64	1.0	85.2	467	1.1
2001	5	0.3	33.0	9	0.6	55.2	24	0.8	83.0	54	0.9	86.9	68	64	0.9	87.0	482	1.0

Mil. denotes millions.
[1] Conc. = concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.
[2] Share = percentage of total commercial slaughter. Numerator values are for firms' reporting years.
[3] HHI (Herfindahl-Hirshman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.
[4] Comm. sltr. = total commercial slaughter of calves during the calendar year.

Source: Annual reports filed with GIPSA and U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues.

Table 31.—Hog slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm.
	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Firms	Head	Share[2]	HHI[3]	sltr.[4]
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -		Mil.	Pct.	Index	Mil.
Concentration based on procurement data reported to GIPSA[5]																		
1980	27	32.3	33.6	39	48.9	50.9	60	68.4	71.2	102	85.7	89.2	509	446	92.9	96.7	436	96.1
1985	23	27.2	32.2	32	42.9	50.8	64	68.0	80.5	105	77.4	91.6	403	338	80.4	95.2	456	84.5
1990	16	34.3	40.3	24	49.5	58.1	48	70.5	82.8	88	77.5	91.0	335	290	80.2	94.2	593	85.1
1995	17	43.8	45.5	27	66.8	69.4	42	84.1	87.3	81	89.5	92.9	245	209	91.6	95.1	754	96.3
1996	19	45.8	49.6	27	64.0	69.2	42	77.7	84.1	79	81.8	88.5	232	200	83.5	90.4	797	92.4
1997	19	49.9	54.3	28	69.6	75.7	43	82.4	89.6	80	86.1	93.7	218	184	87.8	95.5	969	92.0
1998	18	54.4	53.9	27	76.1	75.4	48	87.7	86.8	79	90.7	89.8	182	152	91.8	90.9	960	101.0
1999	18	57.7	56.8	27	80.6	79.4	43	93.7	92.3	79	97.0	95.5	172	143	98.0	96.5	1,045	101.5
2000	19	55.9	57.1	28	78.6	80.3	48	89.6	91.4	80	92.7	94.6	186	152	93.9	95.8	1,047	98.0
2001	19	55.7	56.9	28	78.1	79.7	44	91.6	93.5	81	94.9	96.8	182	150	95.9	97.9	1,042	98.0
Concentration based on federally inspected slaughter data[6]																		
1992	17	42.2	44.4	24	59.7	62.9	41	82.1	86.5	75	89.6	94.4	921	908	92.6	97.6	702	94.9
1995	16	44.0	45.7	28	67.5	70.1	43	85.1	88.4	76	91.8	95.3	802	784	94.2	97.8	769	94.2
1996	19	51.1	55.3	25	67.4	72.9	38	82.7	89.5	74	88.2	95.4	770	754	90.5	98.1	961	92.4
1997	19	49.8	54.2	26	69.6	75.7	40	84.2	91.6	74	88.2	95.9	767	754	90.2	98.3	976	92.0
1998	18	56.8	56.3	25	78.9	78.1	40	92.5	93.6	75	97.1	96.3	757	744	99.3	98.3	1,036	101.0
1999	18	57.0	56.2	25	79.7	78.5	42	94.3	92.9	74	97.8	96.3	728	708	99.7	98.2	1,020	101.5
2000	19	55.2	56.4	27	78.3	79.9	44	91.5	93.4	77	94.8	96.7	717	696	96.4	98.4	1,033	98.0
2001	19	55.5	56.7	25	77.1	78.7	41	90.8	92.6	73	94.7	96.7	699	680	96.5	98.5	1,035	98.0
2002	17	56.8	56.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	683	NA	98.9	98.7	NA	100.3

NA denotes data not available. Mil. denotes millions.

[1] Conc. = concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

[2] Share = percentage of total commercial slaughter.

[3] HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

[4] Comm. sltr. = total commercial slaughter of hogs during the calendar year.

[5] Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

[6] Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service.

(GIPSA-SR-03-1)

Table 32.—Sheep and lamb slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm.
	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Head	Conc.[1]	Plants	Firms	Head	Share[2]	HHI[3]	sltr.[4]
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -		Mil.	Pct.	Index	Mil.
	Concentration based on procurement data reported to GIPSA[5]																	
1980	8	3.1	55.9	12	4.6	82.8	24	5.3	95.7	54	5.4	97.4	195	190	5.5	97.7	1,050	5.6
1985	6	3.2	51.2	11	4.9	80.2	23	5.9	94.9	53	5.9	96.4	157	154	6.0	96.6	983	6.2
1990	10	4.0	70.2	14	4.4	77.5	26	4.6	80.8	58	4.6	81.6	138	130	4.6	81.8	1,580	5.7
1995	6	3.6	77.9	10	4.1	89.7	22	4.3	94.0	53	4.4	95.6	98	94	4.4	95.6	1,917	4.6
1996	5	3.1	73.1	9	3.4	81.3	21	3.7	87.8	53	3.7	89.3	95	92	3.7	89.4	1,654	4.2
1997	4	2.4	62.4	8	2.9	73.3	20	3.1	79.0	51	3.1	80.6	82	81	3.2	80.6	1,291	3.9
1998	5	2.5	66.8	9	3.1	80.3	21	3.2	85.2	51	3.3	86.2	69	68	3.3	86.2	1,415	3.8
1999	5	2.6	69.2	9	3.0	80.1	21	3.1	84.7	51	3.2	85.8	67	66	3.2	85.8	1,415	3.7
2000	5	2.4	69.8	9	2.8	81.5	22	3.0	85.7	53	3.0	86.6	62	59	3.0	86.6	1,416	3.5
2001	5	2.2	68.8	9	2.6	80.8	21	2.7	84.8	51	2.8	85.5	62	61	2.8	85.5	1,378	3.2
	Concentration based on federally inspected slaughter data[6]																	
1992	8	3.9	71.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	748	NA	5.3	96.2	NA	5.5
1995	6	3.3	71.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	617	NA	4.4	96.2	NA	4.6
1996	5	3.0	72.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	593	NA	4.1	97.1	NA	4.2
1997	5	2.5	64.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	572	NA	3.8	97.7	NA	3.9
1998	5	2.6	68.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	556	NA	3.7	96.5	NA	3.8
1999	5	2.5	67.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	561	NA	3.6	96.1	NA	3.7
2000	5	2.3	67.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	541	NA	3.3	95.6	NA	3.5
2001	5	2.1	66.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	538	NA	3.1	95.1	NA	3.2
2002	5	2.1	65.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	525	NA	3.1	94.1	NA	3.3

NA denotes data not available. Mil. denotes millions.

[1] Conc. = concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

[2] Share = percentage of total commercial slaughter.

[3] HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

[4] Comm. sltr. = total commercial slaughter of sheep and lambs during the calendar year.

[5] Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

[6] Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service.

(GIPSA-SR-03-1)

Table 33.—Boxed fed beef production concentration: 4, 8, 20, and 50 largest firms, reporting slaughter packers, selected reporting years, 1980–2001

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Total
	Plants[1]	Head	Conc.[2]	Plants[1]	Head	Conc.[2]	Plants[1]	Head	Conc.[2]	Plants[1]	Head	Conc.[2]	Plants[1]	Firms	Head	Share[3]	HHI[4]	beef[5]
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -		Mil.	Pct.	Index	Mil.
1980	11	7.2	52.9	22	9.3	67.9	39	11.5	84.1	72	11.9	87.4	97	75	12.0	87.7	1,220	13.7
1983	14	11.2	60.2	19	13.7	73.6	34	16.3	87.6	65	16.8	90.7	86	71	16.9	90.8	1,382	18.6
1984	17	12.1	61.7	23	14.9	75.7	38	17.8	90.6	71	18.5	93.9	94	73	18.5	94.2	1,439	19.6
1985	15	12.8	61.5	24	16.4	78.7	39	19.4	93.2	72	20.1	96.2	90	68	20.1	96.3	1,527	20.9
1986	16	14.7	67.4	22	18.5	85.2	35	20.7	95.0	67	21.1	96.8	82	65	21.1	96.8	1,691	21.8
1987	23	18.0	79.5	28	20.0	88.6	41	21.5	95.4	72	21.9	97.0	97	74	21.9	97.1	1,981	22.6
1988	21	18.5	79.3	28	20.6	88.7	41	22.1	95.1	71	22.5	96.6	98	77	22.5	96.7	2,030	23.3
1989	20	18.1	79.2	27	20.2	88.2	41	21.7	94.7	71	22.0	96.1	91	70	22.0	96.2	1,979	22.9
1990	24	18.3	79.3	28	20.5	88.7	41	22.1	96.0	71	22.4	97.1	81	60	22.4	97.1	1,988	23.1
1991	22	18.5	78.7	26	20.4	87.1	38	22.4	95.3	69	22.8	97.2	90	70	22.8	97.3	1,958	23.5
1992	22	19.4	81.4	26	21.5	90.0	38	23.0	96.4	69	23.2	97.2	69	50	23.2	97.2	2,163	23.8
1993	20	19.8	82.7	25	21.8	90.7	37	23.0	96.0	NA	NA	NA	62	45	23.1	96.4	2,236	24.0
1994	21	21.3	85.7	26	23.0	92.5	38	24.1	97.1	NA	NA	NA	57	39	24.2	97.5	2,340	24.8
1995	21	22.1	84.3	25	23.8	90.9	37	25.3	96.7	NA	NA	NA	55	38	25.4	97.0	2,208	26.2
1996	21	22.4	82.3	26	24.6	90.4	41	26.6	97.9	NA	NA	NA	63	42	26.8	98.4	2,061	27.2
1997	21	22.0	82.6	26	24.2	90.8	38	26.1	97.9	70	26.4	98.8	72	52	26.4	98.8	2,088	26.7
1998	21	22.4	84.2	27	24.5	92.4	39	26.0	98.0	NA	NA	NA	64	44	26.2	98.5	2,108	26.6
1999	20	23.0	84.3	26	25.3	92.6	39	26.9	98.5	NA	NA	NA	61	42	27.0	98.8	2,076	27.3
2000	21	23.7	84.7	27	26.1	93.3	40	27.7	99.1	NA	NA	NA	62	41	27.8	99.4	2,082	28.0
2001	21	23.1	83.9	27	25.4	92.3	40	27.0	98.1	NA	NA	NA	63	42	27.1	98.4	2,021	27.5

NA denotes data not applicable because there were fewer than 50 firms. Mil. denotes millions.

[1] May include processing plants that do not slaughter.

[2] Conc. = concentration, which is the percentage of total boxed beef production accounted for by the firms included in the stated size group. Numerator values are for firms' reporting years.

[3] Share = percentage of total U.S. boxed beef production. Numerator values are for firms' reporting years.

[4] HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total U.S. boxed beef production.

[5] Includes all U.S. production during the calendar year by slaughtering and nonslaughtering fabricators, but not retail stores.

(GIPSA-SR-03-1)

Table 34.—Livestock purchase concentration: 4, 8, 20, and 50 largest[1] firms, reporting slaughter packers, selected reporting years, 1980–2001

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Total
	Plants[2]	Purc.[3]	Conc.[4]	Plants[2]	Purc.[3]	Conc.[4]	Plants[2]	Purc.[3]	Conc.[4]	Plants[2]	Purc.[3]	Conc.[4]	Plants[2]	Firms	Purc.[3]	Share[5]	HHI[6]	U.S. purc.[7]
	No.	Bil. dol.	Pct.	No.	Bil. dol.	Pct.	No.	Bil. dol.	Pct.	No.	Bil. dol.	Pct.	- - No. - -		Bil. dol.	Pct.	Index	Bil. dol.
1980	47	8.3	25.5	74	13.0	40.0	110	17.2	53.0	163	21.2	65.3	983	810	30.1	92.6	285	32.5
1983	41	10.4	30.4	64	13.9	40.7	99	18.8	55.1	162	23.6	69.3	909	709	31.1	91.4	370	34.0
1984	40	11.3	33.5	61	14.8	43.8	106	20.3	59.9	181	24.9	73.5	882	674	31.7	93.6	447	33.8
1985	37	11.0	34.0	51	14.3	44.1	103	20.4	63.0	176	25.2	77.9	817	615	30.8	95.0	464	32.4
1986	35	11.8	37.0	49	15.1	47.6	95	20.7	65.2	156	25.1	78.8	751	555	30.1	94.7	523	31.8
1987	50	16.4	47.3	71	19.4	56.0	102	24.2	69.8	156	28.2	81.4	737	144	33.2	95.8	759	34.7
1988	47	17.7	49.1	71	21.0	58.1	98	25.5	70.6	150	29.6	82.0	720	537	34.7	96.0	825	36.1
1989	45	18.7	51.2	66	21.9	60.0	92	26.0	71.1	138	30.1	82.3	650	508	34.7	94.8	869	36.6
1990	46	20.5	53.1	65	24.0	62.0	92	28.4	73.5	131	32.8	84.7	629	497	36.8	95.2	942	38.7
1991	43	21.3	54.9	60	24.6	63.5	83	29.2	75.5	119	33.3	85.9	594	468	36.9	95.2	1,006	38.7
1992	46	22.7	59.4	58	25.6	67.0	83	29.7	77.6	121	33.5	87.5	573	437	36.6	95.6	1,176	38.3
1993	48	24.9	62.9	60	27.9	70.3	83	31.6	79.8	120	35.1	88.6	535	407	37.8	95.4	1,239	39.6
1994	51	25.1	62.7	62	28.2	70.3	85	32.5	81.1	121	35.5	88.6	507	373	37.9	94.5	1,219	40.1
1995	49	23.0	62.1	58	25.9	69.9	78	29.7	80.2	115	32.9	88.8	492	360	35.2	94.9	1,209	37.1
1996	49	22.9	62.2	62	26.3	71.4	77	30.0	81.3	122	33.1	89.8	481	348	35.2	95.5	1,214	36.8
1997	49	23.7	61.0	62	28.4	72.9	76	32.0	82.3	119	35.1	90.3	444	331	37.2	95.6	1,170	38.9
1998	48	22.4	63.1	62	26.6	74.9	81	29.7	83.7	124	32.1	90.3	373	279	33.6	94.5	1,208	35.5
1999	44	22.5	65.8	57	26.2	76.4	75	29.2	85.1	112	31.5	91.9	357	267	32.9	96.0	1,316	34.3
2000	43	25.7	66.0	57	30.1	77.2	77	33.6	86.2	116	36.2	93.0	349	263	37.7	96.7	1,314	39.0
2001	40	26.3	64.9	54	30.9	76.3	72	34.8	86.1	116	37.6	93.0	340	254	39.1	96.5	1,280	40.5

[1] Based on total amount spent for all livestock slaughtered.

[2] May include processing plants that do not slaughter.

[3] Purc. = livestock purchases.

[4] Conc. = concentration, which is the percentage of total commercial slaughter livestock value accounted for by the firms included in the stated size group.

[5] Share = percentage of total U.S. livestock purchases. Numerator values are for firms' reporting years.

[6] HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total livestock purchases.

[7] Total value of all livestock purchased for slaughter by reporting packers during their reporting years, plus the value of livestock slaughtered by nonreporting packers during the calendar year, based on reported average prices and weights.

Source: U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; U.S. Department of Agriculture, Agricultural Prices, National Agricultural Statistics Service, various issues; and annual reports filed with GIPSA. (GIPSA-SR-03-1)

Table 35.—Sales, expenses, and operating income of 4, 8, 20, and 40 largest[1] meatpacking firms, 2001 reporting year

Item	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
				Percent of sales			
Net sales	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Cost of sales							
Livestock purchases	63.85	51.13	48.49	41.27	61.56	59.73	58.12
Total cost of sales	79.87	67.47	74.16	81.17	77.64	77.15	77.50
Gross income	20.13	32.53	25.84	18.83	22.36	22.85	22.50
Operating expenses:[2]							
Manufacturing	11.13	15.41	6.46	6.72	11.90	11.14	10.76
Advertising & selling expenses	1.82	8.50	8.41	1.52	3.02	3.77	3.58
General & administrative	1.93	1.88	3.33	4.27	1.92	2.12	2.31
Depreciation & amortization	1.79	1.18	0.66	0.71	0.86	0.83	0.82
Interest	0.48	1.01	0.33	1.34	0.58	0.54	0.61
Other	2.91	3.13	2.77	1.16	2.95	2.92	2.77
Total operating expenses	19.06	31.75	21.96	15.79	21.34	21.43	20.94
Operating income (loss)[3]	1.07	0.78	3.87	3.04	1.02	1.42	1.56

Note: Reported financial figures may include information on operations other than meat packing.

[1] Ranking determined by total amount spent for all livestock slaughtered.

[2] Total may not equal sum of the expense components because some firms did not report individual expense components.

[3] Operating income (loss) equals gross income per dollar of sales minus total operating expenses per dollar of sales.

Table 36.—Selected financial ratios for 4, 8, 20, and 40 largest[1] meatpacking firms, 2001 reporting year

Item	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
Net sales per $ of assets	4.842	2.657	4.351	1.977	4.218	4.236	3.852
Net sales per $ of equity	10.153	9.188	5.285	4.452	9.965	8.868	8.162
Gross income per $ of sales	0.273	0.325	0.258	0.188	0.224	0.228	0.225
Gross income per $ of assets	1.321	0.864	1.124	0.372	0.943	0.968	0.867
Gross income per $ of equity	2.769	2.989	1.365	0.838	2.228	2.026	1.836
Total operating expenses per $ of sales	0.191	0.318	0.220	0.158	0.213	0.214	0.209
Total operating expenses per $ of assets	0.923	0.844	0.955	0.312	0.900	0.908	0.807
Total operating expenses per $ of equity	1.935	2.917	1.161	0.703	2.127	1.900	1.709
Operating income per $ of sales	0.011	0.008	0.039	0.030	0.010	0.014	0.016
Operating income per $ of assets	0.052	0.021	0.169	0.060	0.043	0.060	0.060
Operating income per $ of equity	0.109	0.071	0.205	0.135	0.101	0.126	0.127
Equity to asset ratio	0.477	0.289	0.823	0.444	0.423	0.478	0.472

Note: Reported financial figures may include information on operations other than meat packing.
[1] Ranking determined by total amount spent for all livestock slaughtered.

(GIPSA-SR-03-1)

Table 37.—Gross income of 4, 8, 20, and 40 largest[1] meatpacking firms, 1992–2001 reporting years

Year	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
				Percent of sales			
1992	14.3	10.6	29.2	18.7	13.8	17.2	17.4
1993	12.5	26.7	22.1	16.1	14.8	16.2	16.2
1994	14.6	26.4	23.9	14.6	17.5	18.5	18.3
1995	17.5	32.2	24.0	19.0	19.8	20.9	20.7
1996	13.9	27.6	24.0	17.2	16.1	17.4	17.4
1997	14.8	25.7	22.9	14.1	17.3	18.2	18.0
1998	16.2	31.6	26.3	16.5	19.1	20.3	21.0
1999	18.3	36.5	25.5	19.9	21.7	22.3	22.2
2000	18.5	32.8	24.1	22.9	21.2	21.6	21.7
2001	20.1	32.5	25.8	18.8	22.4	22.8	22.5

Note: Reported financial figures may include information on operations other than meat packing.
[1] Ranking determined by total amount spent for all livestock slaughtered.

Table 38.—Total operating expenses of 4, 8, 20, and 40 largest[1] meatpacking firms, 1992–2001 reporting years

Year	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
				Percent of sales			
1992	13.7	10.3	25.3	17.8	13.3	16.0	16.2
1993	11.9	24.4	19.3	15.7	13.9	14.9	15.0
1994	12.5	21.2	20.2	13.5	14.6	15.5	15.4
1995	14.2	28.3	19.0	17.3	16.4	17.0	17.1
1996	12.0	24.9	20.8	16.5	14.1	15.2	15.3
1997	13.8	23.1	19.1	13.2	15.7	16.3	16.1
1998	14.8	28.1	21.3	16.1	17.3	18.0	18.6
1999	16.0	32.6	21.5	18.9	19.1	19.5	19.4
2000	17.0	31.4	20.6	21.7	19.7	19.8	20.0
2001	19.1	31.8	22.0	15.8	21.3	21.4	20.9

Note: Reported financial figures may include information on operations other than meat packing.

[1] Ranking determined by total amount spent for all livestock slaughtered.

(GIPSA-SR-03-1)

Table 39.—Operating income of 4, 8, 20, and 40 largest[1] meatpacking firms, 1992–2001 reporting years

Year	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
				Percent of sales			
1992	0.56	0.35	3.86	0.93	0.53	1.27	1.23
1993	0.68	2.30	2.80	0.38	0.94	1.29	1.21
1994	2.11	5.21	3.73	1.15	2.87	3.01	2.89
1995	3.33	3.91	5.05	1.67	3.43	3.83	3.69
1996	1.90	2.70	3.21	0.71	2.02	2.22	2.11
1997	1.22	2.63	3.72	0.85	1.53	1.90	1.83
1998	1.43	3.57	5.02	0.42	1.83	2.38	2.37
1999	2.35	3.86	3.98	1.09	2.63	2.86	2.75
2000	1.47	1.48	3.44	1.16	1.47	1.78	1.74
2001	1.07	0.78	3.87	3.04	1.02	1.42	1.56

Note: Reported financial figures may include information on operations other than meat packing.
[1] Ranking determined by total amount spent for all livestock slaughtered.

(GIPSA-SR-03-1)

PART II. LIVESTOCK MARKETING

Table 40.—Reported volume and value of marketings of slaughter and nonslaughter classes of livestock through firms selling on commission,[1] by region and State, 2001

State and region[2]	Cattle[3] and calves	Hogs and pigs	Sheep and lambs	Value of livestock
	- - - - - - - - -	Thous. head	- - - - - - - - -	Thous. dol.
New England[4]	124	7	20	36,428
New Jersey	21	6	22	8,673
New York	515	10	21	154,508
Pennsylvania	696	171	181	288,771
North Atlantic	**1,356**	**194**	**244**	**488,380**
Illinois	381	664	53	302,767
Indiana	291	238	65	208,737
Michigan	263	33	53	168,211
Ohio	364	208	94	235,306
Wisconsin	924	68	75	442,890
East North Central	**2,223**	**1,211**	**342**	**1,357,912**
Iowa	1,584	642	150	1,109,366
Kansas	2,100	84	54	1,145,942
Minnesota	905	1,644	88	770,604
Missouri	2,614	352	64	1,399,275
Nebraska	2,402	1,427	43	1,569,501
North Dakota	710	79	24	461,948
South Dakota	2,923	1,023	400	1,940,950
West North Central	**13,238**	**5,252**	**822**	**8,397,586**
Delaware and Maryland	74	21	13	32,053
Florida	915	26	11	559,575
Georgia	590	31	35	252,552
North Carolina	385	472	32	186,654
South Carolina	93	33	23	48,632
Virginia	464	7	48	213,996
West Virginia	131	4	15	63,129
South Atlantic	**2,652**	**594**	**177**	**1,356,591**

See footnotes at end of table. Continued—

Table 40.—Reported volume and value of marketings of slaughter and nonslaughter classes of livestock through firms selling on commission,[1] by region and State, 2001—continued

State and region[2]	Cattle[3] and calves	Hogs and pigs	Sheep and lambs	Value of livestock
	- - - - - - - - -	Thous. head	- - - - - - - - -	Thous. dol.
Alabama	845	13	44	360,244
Arkansas	679	21	27	286,550
Kentucky	1,020	51	50	468,412
Louisiana	299	12	18	123,260
Mississippi	617	17	38	245,737
Tennessee	877	20	43	380,210
South Central	**4,337**	**134**	**220**	**1,864,413**
Oklahoma	3,217	30	65	1,603,946
Texas	5,319	63	1,430	2,112,131
Southern Plains	**8,536**	**93**	**1,495**	**3,716,077**
Arizona	143	3	11	62,243
Colorado	2,410	35	205	1,186,632
Idaho	394	11	133	205,728
Montana	899	238	113	532,879
Nevada	58	1	6	26,055
New Mexico	400	1	14	208,890
Utah	106	3	21	54,182
Wyoming	500	0	29	273,392
Mountain	**4,910**	**292**	**532**	**2,550,001**
California	1,409	38	194	794,246
Oregon	224	6	32	110,551
Washington	296	6	15	147,620
Pacific	**1,929**	**50**	**241**	**1,052,417**
48 State Total	**39,181**	**7,820**	**4,074**	**20,783,377**

[1] Includes all auctions, terminal markets, video auctions, and country commission firms. A country commission firm is a market agency selling on commission that does not operate an auction or terminal market.
[2] Location of public markets. Livestock sold through a market in one State or region may move to other States or regions for further feeding, breeding, or slaughter.
[3] Cattle includes steers, heifers, cows, and bulls.
[4] Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

(GIPSA-SR-03-1)

Table 41.—Slaughter and nonslaughter livestock purchases, by reporting dealers and order buyers,[1] by region and State, 2001

State and region[2]	Value of livestock[3] Bought on commission	Bought for own account	Total	Volume of purchases Cattle[4] and calves	Hogs and pigs	Sheep and lambs
	Thousand dollars			Thousand head		
New England[5]	2,592	41,112	43,704	139	14	9
New Jersey	0	13,228	13,228	1	171	7
New York	24,382	119,362	143,744	543	8	12
Pennsylvania	34,026	197,202	231,228	638	336	138
North Atlantic	**61,000**	**370,904**	**431,904**	**1,321**	**529**	**166**
Illinois	25,370	523,075	548,446	474	2,239	31
Indiana	18,361	420,195	438,556	595	1,551	37
Michigan	65,595	168,605	234,200	234	1,060	55
Ohio	45,484	522,552	568,036	693	1,919	80
Wisconsin	74,321	430,057	504,378	1,027	313	46
East North Central	**229,132**	**2,064,484**	**2,293,616**	**3,023**	**7,083**	**249**
Iowa	234,539	1,010,033	1,244,572	1,482	3,873	271
Kansas	287,107	597,963	885,070	1,594	144	37
Minnesota	426,015	700,595	1,126,610	1,616	1,626	180
Missouri	169,982	593,522	763,504	1,309	957	13
Nebraska	503,903	694,868	1,198,771	1,668	2,068	39
North Dakota	243,040	229,458	472,498	789	12	43
South Dakota	431,823	545,715	977,538	1,426	1,260	174
West North Central	**2,296,409**	**4,372,155**	**6,668,564**	**9,883**	**9,940**	**756**
Delaware and Maryland	1,441	14,322	15,763	31	2	9
Florida	46,515	1,090,487	1,137,002	2,282	4	6
Georgia	59,043	126,469	185,512	411	274	10
North Carolina	26,993	105,889	132,882	192	226	287
South Carolina	59,127	90,026	149,153	355	12	3
Virginia	35,632	130,967	166,599	431	19	10
West Virginia	4,930	52,384	57,314	126	9	44
South Atlantic	**233,681**	**1,610,544**	**1,844,225**	**3,828**	**546**	**369**

See footnotes at end of table. Continued—

Table 41.—Slaughter and nonslaughter livestock purchases, by reporting dealers and order buyers,[1] by region and State, 2001—continued

State and region[2]	Value of livestock[3]: Bought on commission	Value of livestock[3]: Bought for own account	Value of livestock[3]: Total	Volume of purchases: Cattle[4] and calves	Volume of purchases: Hogs and pigs	Volume of purchases: Sheep and lambs
	- - - - - - Thousand dollars - - - - - -			- - - - - - Thousand head - - - - - -		
Alabama	70,307	183,669	253,976	596	13	3
Arkansas	12,453	141,850	154,303	396	2	0
Kentucky	190,283	620,398	810,680	1,472	408	3
Louisiana	25,672	31,666	57,338	156	6	2
Mississippi	86,399	427,598	513,997	1,135	0	1
Tennessee	52,260	408,519	460,779	1,135	75	105
South Central	**437,374**	**1,813,700**	**2,251,073**	**4,890**	**504**	**114**
Oklahoma	382,004	393,246	775,250	1,471	95	0
Texas	270,421	1,341,268	1,611,689	3,940	120	817
Southern Plains	**652,425**	**1,734,514**	**2,386,939**	**5,411**	**215**	**817**
Arizona	16,735	80,257	96,992	206	0	39
Colorado	114,136	229,403	343,539	603	2	132
Idaho	132,997	216,022	349,019	635	4	135
Montana	181,566	457,278	638,844	1,114	70	174
Nevada	4,603	19,216	23,819	50	0	1
New Mexico	22,839	28,048	50,887	114	0	14
Utah	9,717	91,862	101,579	234	0	19
Wyoming	63,856	128,865	192,721	341	0	62
Mountain	**546,449**	**1,250,951**	**1,797,400**	**3,297**	**76**	**576**
California	66,666	421,238	487,904	992	20	96
Oregon	33,990	83,026	117,016	220	1	176
Washington	35,191	57,628	92,819	207	3	12
Pacific	**135,847**	**561,892**	**697,739**	**1,419**	**24**	**284**
48 State Total	**4,592,317**	**13,779,144**	**18,371,461**	**33,072**	**18,917**	**3,331**

[1] Dealers purchase livestock for resale on their own accounts. Order buyers purchase on a commission basis for others.
[2] Location of business addresses of dealers and order buyers. Total volume is allocated to one State even though firms can operate in more than one State.
[3] May include other species.
[4] Cattle includes steers, heifers, cows, and bulls.
[5] Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

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Table 42.—Reported volume and value of marketings by firms selling on commission[1] and by reporting dealers and order buyers,[2] 1994–2001

Item	1994	1995	1996	1997	1998	1999	2000	2001
Livestock marketed through firms selling on commission				Thousand head				
Cattle[3] and calves	45,060	40,407	42,234	39,162	38,477	41,112	39,539	39,181
Hogs and pigs	15,506	13,386	10,657	8,862	11,049	8,369	7,735	7,820
Sheep and lambs	5,153	4,625	5,735	3,973	4,340	4,397	3,941	4,074
				Thousand dollars				
Value of livestock	20,208,927	17,995,926	14,946,597	17,914,993	16,613,450	18,394,231	20,054,704	20,783,377
Livestock purchases by dealers and order buyers				Thousand head				
Cattle[3] and calves	31,679	30,344	33,349	37,619	30,743	34,586	36,307	33,072
Hogs and pigs	31,865	28,233	25,614	20,915	19,745	21,164	18,618	18,917
Sheep and lambs	4,269	4,003	4,198	3,992	2,702	3,369	3,292	3,331
Value of Livestock:				Thousand dollars				
Bought on commission	4,333,594	3,800,874	3,602,232	4,675,456	4,974,352	3,958,366	4,814,121	4,592,317
Bought for own account	13,726,170	12,460,890	11,155,572	13,083,692	10,792,972	12,501,792	14,025,328	13,779,144
Total	18,059,764	16,261,764	14,757,804	17,759,148	15,767,324	16,460,157	18,839,450	18,371,461

[1] Includes all auctions, terminal markets, video auctions, and country commission firms. A country commission firm is a market agency selling on commission that does not operate an auction or terminal market.
[2] Dealers purchase livestock for resale for their own accounts. Order buyers purchase on a commission basis for others.
[3] Cattle includes steers, heifers, cows, and bulls.

(GIPSA-SR-03-1)

PART III. ENTITIES REGISTERED WITH THE GRAIN INSPECTION, PACKERS AND STOCKYARDS ADMINISTRATION

Table 43.—Bonded packers, posted stockyards, and registered entities with GIPSA, as of September 30, 2002

State and region	Bonded packers[1]	Posted stockyards[2]	Entities registered with GIPSA				
			Bonded dealers and market agencies[3]				
			SOC only	SOC and BOC or dealer	Dealer and/or BOC[4]	Packer buyers[5]	Total registrants
	Number						
Connecticut	0	2	0	2	5	5	12
Maine	0	3	0	1	13	4	18
Massachusetts	2	4	3	1	10	3	17
New Hampshire	0	0	0	0	9	0	9
New Jersey	14	5	3	3	7	19	32
New York	12	37	10	16	131	23	180
Pennsylvania	30	39	27	13	143	94	277
Rhode Island	1	0	0	0	1	0	1
Vermont	2	7	3	3	43	6	55
North Atlantic	**61**	**97**	**46**	**39**	**362**	**154**	**601**
Illinois	19	37	18	20	164	156	358
Indiana	4	29	19	13	80	104	216
Michigan	6	23	9	20	38	36	103
Ohio	28	32	25	23	108	64	220
Wisconsin	13	29	13	30	277	65	385
East North Central	**70**	**150**	**84**	**106**	**667**	**425**	**1,282**
Iowa	11	80	29	38	310	475	852
Kansas	7	66	33	19	181	60	293
Minnesota	7	34	21	19	149	121	310
Missouri	7	108	64	29	166	77	336
Nebraska	7	55	20	41	227	170	458
North Dakota	3	17	12	5	73	11	101
South Dakota	5	47	20	35	174	70	299
West North Central	**47**	**407**	**199**	**186**	**1,280**	**984**	**2,649**
Delaware	0	2	3	0	2	0	5
Florida	5	16	12	5	52	18	87
Georgia	10	52	33	15	83	33	164
Maryland	4	8	4	3	20	11	38
North Carolina	15	31	20	8	46	38	112
South Carolina	5	29	27	6	24	19	76
Virginia	4	31	19	16	78	23	136
West Virginia	2	13	8	7	28	2	45
South Atlantic	**45**	**182**	**126**	**60**	**333**	**144**	**663**

See footnotes at end of table.

Continued—

Table 43.—Bonded packers, posted stockyards, and registered entities with GIPSA, as of September 30, 2002—continued

State and region	Bonded packers[1]	Posted stockyards[2]	Entities registered with GIPSA: Bonded dealers and market agencies[3]: SOC only	SOC and BOC or dealer	Dealer and/or BOC[4]	Packer buyers[5]	Total registrants
			Number				
Alabama	3	38	18	19	70	10	117
Arkansas	3	45	19	21	51	24	115
Kentucky	3	43	24	15	107	25	171
Louisiana	5	24	15	8	32	18	73
Mississippi	4	37	21	16	57	22	116
Tennessee	7	48	28	22	115	31	196
South Central	**25**	**235**	**125**	**101**	**432**	**130**	**788**
Oklahoma	3	72	56	28	140	21	245
Texas	24	177	108	45	303	42	498
Southern Plains	**27**	**249**	**164**	**73**	**443**	**63**	**743**
Arizona	0	7	4	5	15	6	30
Colorado	4	25	18	21	98	29	166
Idaho	4	18	10	11	160	24	205
Montana	3	16	15	14	229	8	266
Nevada	0	2	4	1	12	0	17
New Mexico	1	15	6	11	40	5	62
Utah	2	12	5	8	75	5	93
Wyoming	1	9	12	3	64	3	82
Mountain	**15**	**104**	**74**	**74**	**693**	**80**	**921**
California	30	54	27	30	121	61	239
Oregon	3	18	7	9	70	5	91
Washington	8	14	7	5	69	11	92
Pacific	**41**	**86**	**41**	**44**	**260**	**77**	**422**
Alaska	0	0	0	0	0	0	0
Hawaii	4	0	1	0	0	6	7
United States	**335**	**1,510**	**860**	**683**	**4,470**	**2,063**	**8,076**
Canada	0	0	0	1	10	1	12

[1] Packers, dealers, market agencies, and packer buyers are required to be bonded based on the volume of their livestock purchases. Subsidiaries or other separate operating units of merged firms may hold separate bonds. Number of bonded packers represents total number of bonded entities, so the number of bonded packers may be larger than number of firms as a result of individual bonding of subsidiaries.

[2] Includes terminal and auction markets located at stockyards. Excludes video and electronic auctions that are not operated at stockyards.

[3] SOC = market agencies selling on commission; BOC = market agencies buying on commission. Market agency includes any person engaged in the business of: Buying or selling in commerce livestock on a commission basis, or furnishing stockyard services.

[4] Includes firms that provide clearing services. These firms provide bond coverage for dealers and market agencies buying on commission.

[5] Individual buyers employed by bonded packers; they are required to be registered with GIPSA. (GIPSA-SR-03-1)

Table 44.—Bonded packers, posted stockyards, registered entities with GIPSA, and bond coverage, 1992–2002

Item	September 30— 1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	Number										
Entities registered with GIPSA:[1]											
Bonded dealers and market agencies[2]											
SOC only—	898	921	897	902	899	890	884	913	876	859	860
SOC and BOC or dealer	896	880	868	881	853	823	791	787	732	716	684
Dealer and/or BOC[3]	5,389	5,383	5,397	5,293	5,236	5,190	5,015	4,877	4,772	4,675	4,480
Packer buyers[4]	2,318	2,071	2,213	2,042	2,167	2,113	2,054	2,044	2,039	2,051	2,064
Total registrants	9,501	9,255	9,375	9,118	9,155	9,016	8,744	8,621	8,419	8,301	8,088
Bonded packers[5]	533	517	486	467	430	427	399	386	359	338	335
Posted stockyards[6]	1,581	1,617	1,620	1,589	1,560	1,574	1,582	1,548	1,519	1,525	1,510
	Million dollars										
Clause one bonds[7]	111.2	120.6	109.1	107.1	103.3	101.1	102.8	105.5	99.5	100.2	100.3
Clause two bonds[8]	151.2	150.4	149.8	139.2	133.3	130.4	132.5	131.4	128.6	127.6	125.1
Clause two/three bonds[9]	6.1	8.4	9.7	9.9	10.5	12.4	13.4	13.1	13.9	14.2	15.4
Clause four bonds[10]	311.7	300.4	302.5	300.5	377.4	387.2	304.5	301.3	300.4	318.2	332.6

[1] Beginning in 1998, includes registrants operating in Canada.

[2] SOC = market agencies selling on commission; BOC = market agencies buying on commission.

[3] Includes firms that provide clearing services. These firms provide bond coverage for some dealers and market agencies buying on commission.

[4] Individual buyers employed by bonded packers; they are required to be registered with GIPSA.

[5] Packers, dealers, market agencies, and packer buyers are required to be bonded based on the volume of their livestock purchases. Subsidiaries or other separate operating units of merged firms may hold separate bonds. Number of bonded packers represents total number of bonded entities, so the number of bonded packers may be larger than number of firms as a result of separate bonding of subsidiaries.

[6] Includes terminal and auction markets located at stockyards. Excludes video/electronic auctions that are not operated at a stockyard. Historical data revised from past issues.

[7] Cover selling-on-commission transactions.

[8] Cover buying-on-commission and dealer transactions.

[9] Cover buying-on-commission, dealer, and clearing-services (bond coverage for another's livestock purchases) transactions.

[10] Cover packer livestock purchase transactions.

(GIPSA-SR-03-1)